

Technical sheet :

MI 25 G



Technical characteristics			Imperial
1.1	Manufacturer		Manitou
1.2	Model Name		MI 25 G
1.3	Power source		Lpg
1.4	Operator type		Seated
1.5	Max. capacity	Q	5511.55 lbs
1.6	Load centre of gravity	c	1 ft 7.68 in
1.8	Load distance, centre of drive axle to fork	x	1 ft 6.30 in
1.9	Wheelbase	y	5 ft 2.99 in
Weight			
2.1	Service weight		8587 lbs
2.2	Weight on front axle (laden) / rear axle (laden)		12489.18 lbs / 1609.37 lbs
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		3670.69 lbs / 4916.30 lbs
Wheels			
3.1	Tyres type		PPS
3.2	Dimensions of front wheels		7.00-12 12
3.3	Dimensions of rear wheels		6.00-9 10
3.5	Number of front wheels / rear wheels		2 / 2
3.5.2	Number of drive wheels		2
3.6	Front wheel gauge	b10	3 ft 1.99 in
3.7	Rear wheel gauge	b11	3 ft 2.30 in
Dimensions			
4.1	Tilt of Mast Forward (deg) / Backward (deg)	α / β	6 / 12
4.7	Height of overhead guard (cabin)	h6	6 ft 11.26 in
4.8	Seat height/stand height	h7	3 ft 10.85 in
4.12	Height of towing bar (coupling height)	h10	1 ft 2.17 in
4.19	Overall length	l1	12 ft 1.07 in
4.20	Length to face of forks	l2	8 ft 3.80 in
4.21	Overall width	b1	3 ft 9.47 in
4.21	Overall width - Single wheels	b1	3 ft 9.47 in
4.22	Forks section / width / length	s / e / l	1.57 in x 4.80 in / 3 ft 9.27 in
4.23	Fork carriage ISO 2328 (class/form) A/B		FEM 2A
4.24	Fork carriage width	b3	3 ft 4.86 in
4.31	Ground clearance below mast	m1	4.52 in
4.32	Ground clearance at centre of wheelbase	m2	6.88 in
4.33	Aisle Width for pallets 1000 x 1200 crossways	Ast	12 ft 10.72 in
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	13549 ft 10.42 in
4.36	Internal turning radius (over tyres)	b13	5.70 in
4.35	Turning radius	Wa	7 ft 5.17 in
Performances			
5.1	Travel speed (laden / unladen)		12.05 mph / 12.24 mph
5.2	Lifting speed (laden / unladen)		1.54 ft/s / 1.80 ft/s
5.3	Lowering speed (laden / unladen)		1.64 ft/s / 1.64 ft/s
5.5	Drawbar pull (Laden / Unladen)		1700 daN / 1040 daN
5.7	Gradeability (laden / unladen)		20 % / 20 %
5.10	Service brake		Hydraulic
Engine			
7.1	Engine brand / model		GCT (ex-Nissan) / K25
7.2	Engine power according to ISO 1585		35 kW
7.3	Rated speed		2400 rpm
7.4	Number of cylinders / Capacity of cylinders		4 - 151.82 in ³
7.5	Fuel consumption according to VDI cycle		6.30 l/h
Miscellaneous			
8.2	Working hydraulic pressure for attachments		2320.60 PSI
8.3	Oil flow rate for attachments		72 l/min
8.4	Measured/guaranteed mean noise level at the ear of the operator		< 80 dB(A)



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